

I hereby state that the content of the paper and computer readable copies of the revised Sequence Listing submitted in accordance with 37 C.F.R. §§ 1.821(c) and (e), respectively, are the same.

I hereby state that the content of the paper and computer readable copies of the Sequence Listing, submitted herewith in accordance with 37 C.F.R. § 1.82(f), does not include new matter.

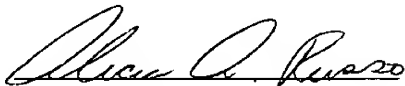
In accordance with 37 C.F.R. § 121, Applicants herein provide (1) accurate instructions to amend the specification and the claims, (2) replacement text of the specification and replacement claims in clean form herein, and (3) a version of the specification and the claims marked up to show all the changes relative to the previous versions, which appears on the attached pages.

In addition, Applicants note that, in response to the requirement of species election in the Restriction Requirement dated October 2, 2002, they had selected the species of SEQ ID NO:1, D-SLAP, with traverse. It has since been noted that SEQ ID NO:1 is only a portion of the D-SLAP sequence identified in Figure 1A, the complete sequence now being assigned SEQ ID NO:30. Accordingly, Applicants respectfully request that their species election be revised to elect the species of SEQ ID NO:30, again with traverse. As one alternative to restriction to this species, Applicants suggest that the species of SEQ ID NO:30, SEQ ID NO:31, SEQ ID NO:32 and SEQ ID NO:33, all sequences within the elected group of claims, be searched.

Applicants believe that no fees are due with this response. The Commissioner is hereby authorized to charge payment of any additional fees associated with this communication to Deposit Account No. 02-4377. Two copies of this paper are enclosed.

Respectfully submitted,

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Enclosures

REPLACEMENT PARAGRAPHS SHOWING AMENDMENTS

Please replace the text on lines 1-12 on page 9 of the specification with the following text:

--In another embodiment of the invention, the first primer has the sequence 3'-NNNNNNNNNNNNNCAGAGCTCAAATTTGTGATCAGCTGGTCTTTCACAAATTTGAGCTCTG-5' (D-SLAP; SEQ ID NO:30).

In another embodiment of the invention, the first primer has the sequence 3'-NNNNNNNNNNNGGGAGAGCTCACAGCTGAAGCAGCTGACTAGCACCTAGTGTAGAATACATCTTGAGCTAT-5' (D-CLAP1; SEQ ID NO:31).

In a further embodiment of the invention, the first primer has the sequence 3'-NNNNNNNNNNNNNAGAGCTCACAGCTGAAGCAGCTGACTAGCACCTAGTGTAGAATACATCTTGAGCTAT-5' (D-CLAP2; SEQ ID NO:32).

Please replace the text on line 22 of page 10 bridging to line 6 of page 11 with the following text:

--In another embodiment of the invention, the first primer has the sequence 3'-NNNNNNNNNNNNNCAGAGCTCAAATTTGTGATCAGCTGGTCTTTCACAAATTTGAGCTCTG-5' (D-SLAP; SEQ ID NO:30).

In another embodiment of the invention, the first primer has the sequence 3'-NNNNNNNNNNNGGGAGAGCTCACAGCTGAAGCAGCTGACTAGCACCTAGTGTAGAATACATCTTGAGCTAT-5' (D-CLAP1; SEQ ID NO:31).

In another embodiment of the invention, the first primer has the sequence 3'-
NNNNNNNNNNNNNAGAGCTCACAGCTGAAGCAGCTGACTAGCACCTAGTGTAGAAT
ACATCTTGAGCTAT-5' (D-CLAP2; SEQ ID NO:32).

Please replace the text on lines 18-21 of page 12 with the following text:

--In one embodiment of the invention, the primer has the sequence 3'-
TTTTTTTTTTTTCAGAGCTCAAATTTGTGATCAGCTGGTCTTTCACAAATTTGAGCTCT
G-5' (T-SLAP; SEQ ID NO:33).—

IN THE CLAIMS:

Please amend Claims 3, 4, 5, 10, 11, 12 and 17 to read as follows:

3. (Amended) The method of claim 1, wherein the first primer has the sequence 3'-
NNNNNNNNNNNNNCAGAGCTCAAATTTGTGATCAGCTGGTCTTTCACAAATTT
GAGCTCTG-5' (D-SLAP; SEQ ID NO:30).
4. (Amended) The method of claim 1, wherein the first primer has the sequence 3'-
NNNNNNNNNNGGAGAGCTCACAGCTGAAGCAGCTGACTAGCACCTAGTGTA
GAATACATCTTGAGCTAT-5' (D-CLAP1; SEQ ID NO:31).
5. (Amended) The method of claim 1, wherein the first primer has the sequence 3'-
NNNNNNNNNNNNNAGAGCTCACAGCTGAAGCAGCTGACTAGCACCTAGTGT
AGAATACATCTTGAGCTAT-5' (D-CLAP2; SEQ ID NO:32).

10. (Amended) The method of claim 8, wherein the first primer has the sequence 3'-NNNNNNNNNNNNNCAGAGCTCAAATTTGTGATCAGCTGGTCTTTCACAAATTTGAGCTCTG-5' (D-SLAP; SEQ ID NO:30).
11. (Amended) The method of claim 8, wherein the first primer has the sequence 3'-NNNNNNNNNNNGGGAGAGCTCACAGCTGAAGCAGCTGACTAGCACCTAGTGTAGAATACATCTTGAGCTAT-5' (D-CLAP1; SEQ ID NO:31).
12. (Amended) The method of claim 8, wherein the first primer has the sequence 3'-NNNNNNNNNNNNNNNAGAGCTCACAGCTGAAGCAGCTGACTAGCACCTAGTGTAGAATACATCTTGAGCTAT-5' (D-CLAP2; SEQ ID NO:32).
17. (Amended) The method of claim 16, wherein the primer has the sequence 3'-TTTTTTTTTTTTCAGAGCTCAAATTTGTGATCAGCTGGTCTTTCACAAATTTGAGCTCTG-5' (T-SLAP; SEQ ID NO:33).